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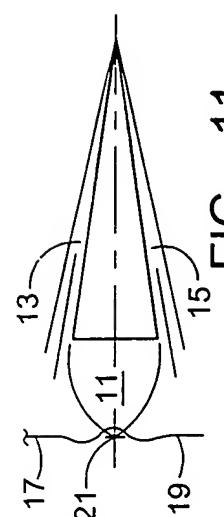
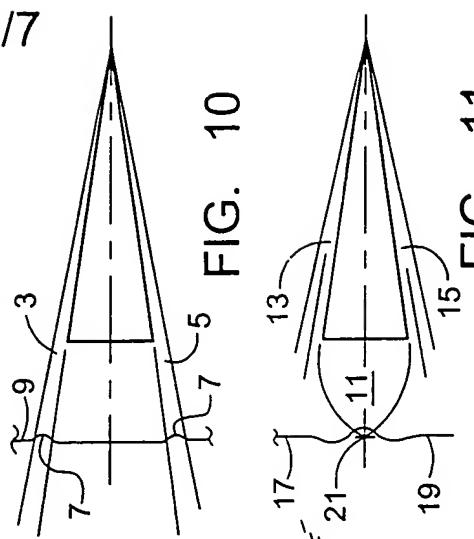
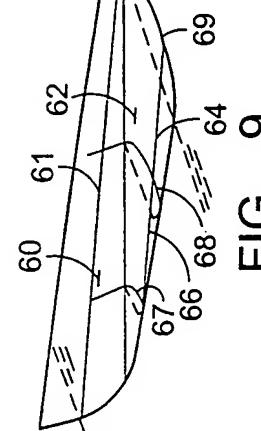
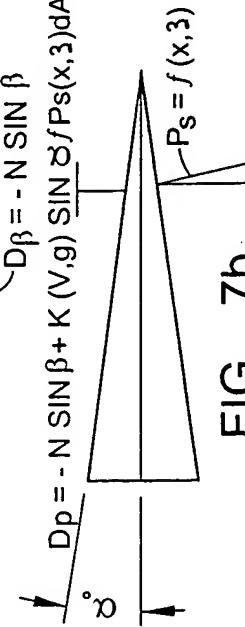
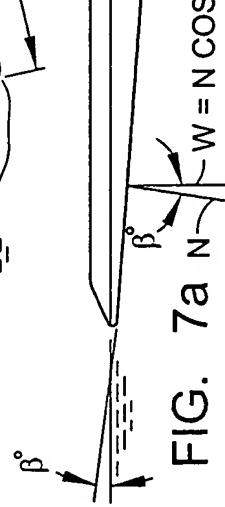
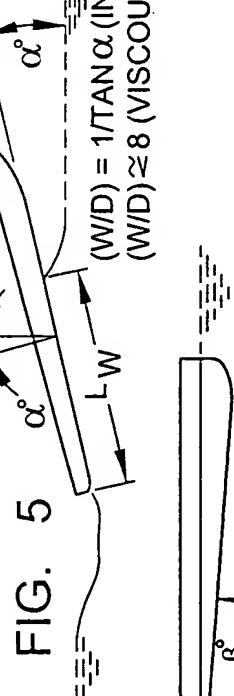
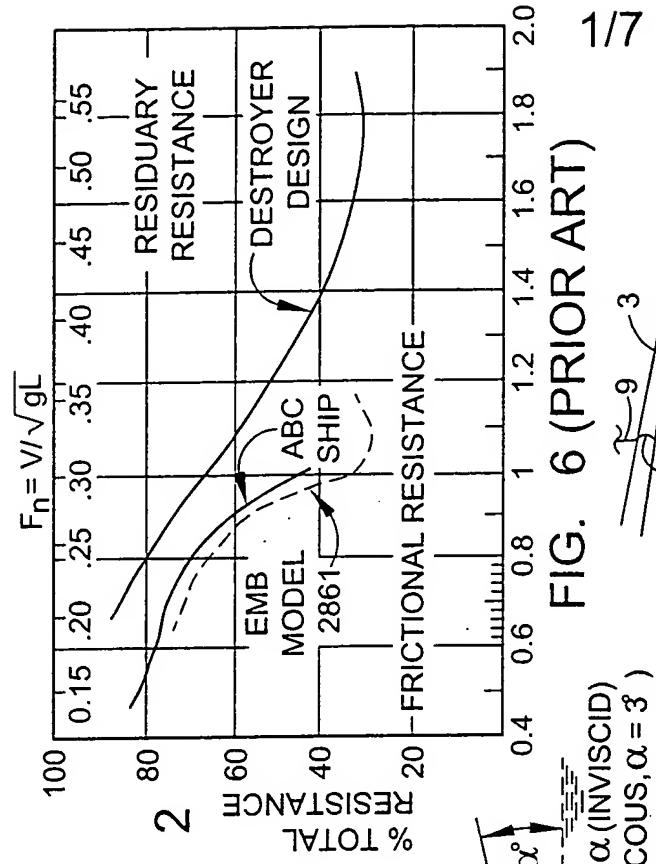
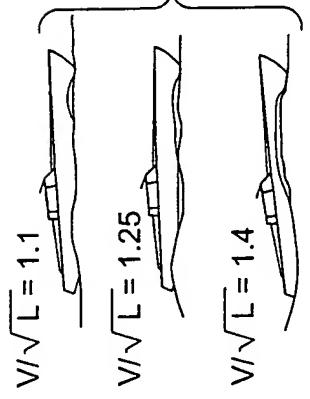
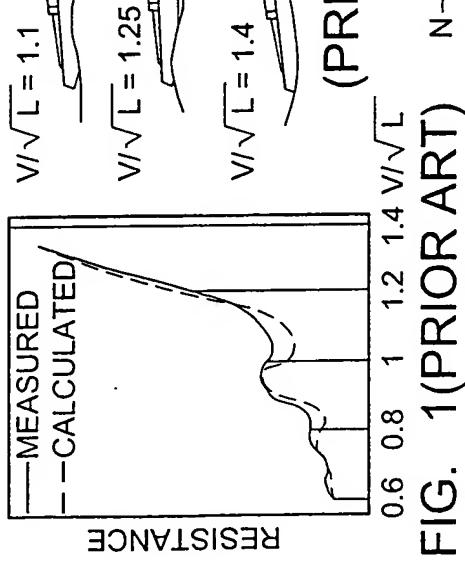


FIG. 9 FIG. 11

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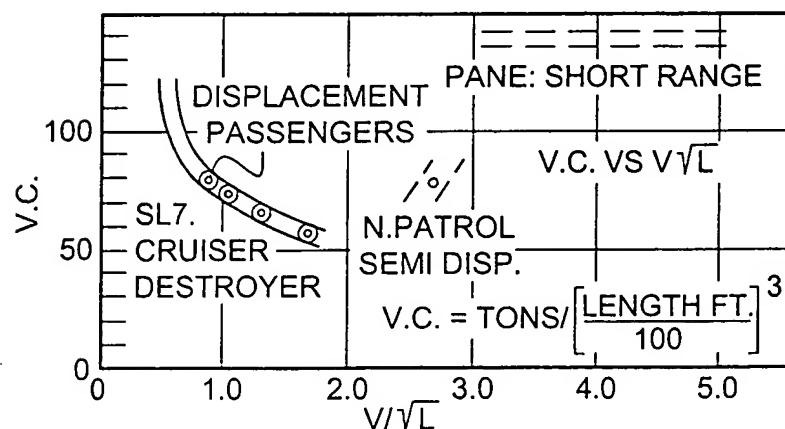
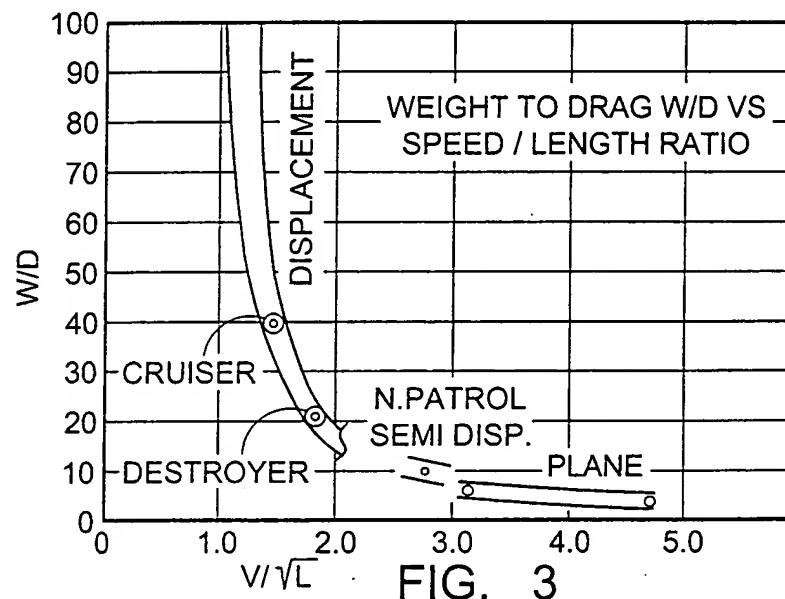
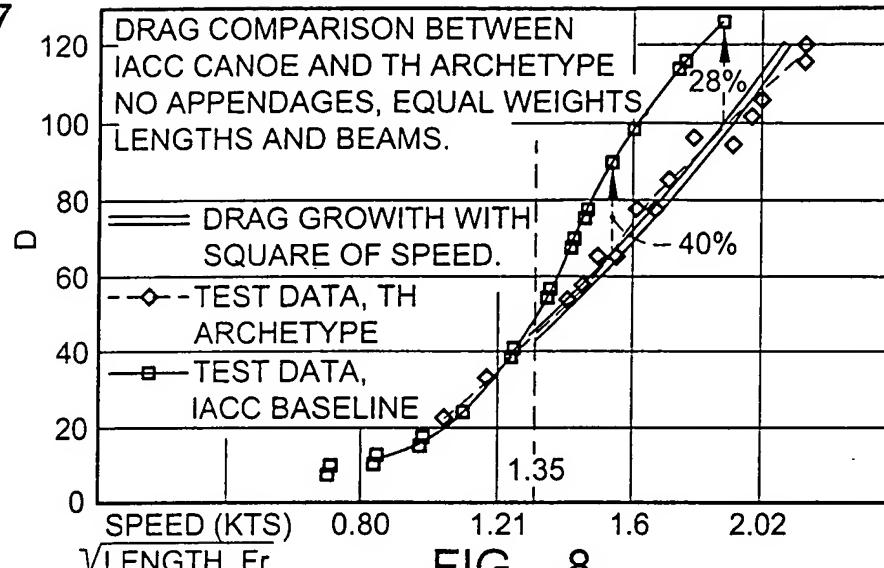


FIG. 4 TYPICAL VOLUMETRIC COEFFICIENTS V.C.
AS FUNCTIONS OF SPEED TO LENGTH RATIO V/L

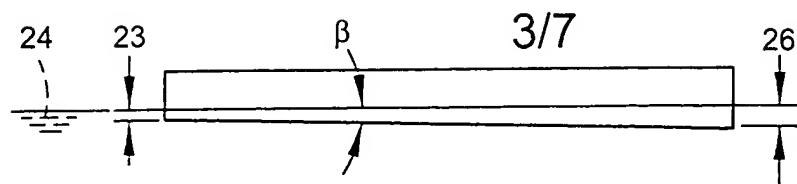


FIG. 12a
 $V/\sqrt{L} = 0$

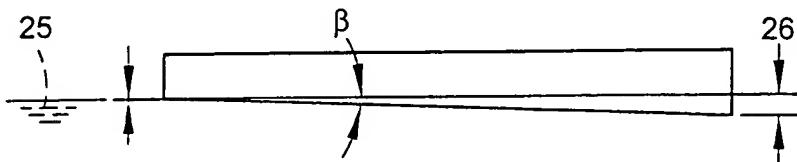


FIG. 12b
SUPERCritical
 $V/\sqrt{L} > 1.25$

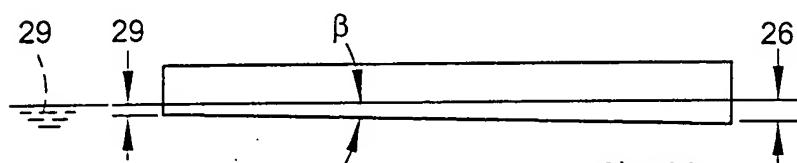


FIG. 13a
 $V/\sqrt{L} = 0$

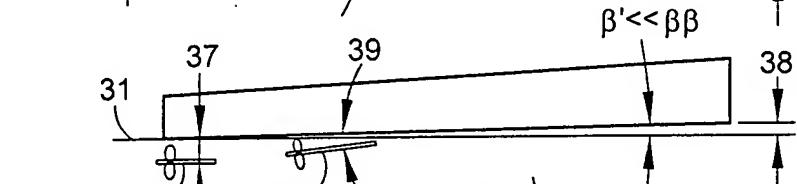


FIG. 13b
HYPERCRITICAL
 $V/\sqrt{L} > 2.0$

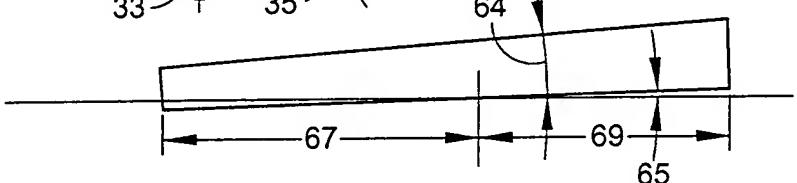


FIG. 14b
TRASPLANAR
 $V/\sqrt{L} > 3.0$

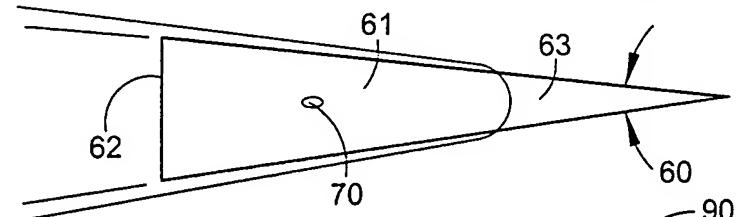


FIG. 14a
 $V/\sqrt{L} \geq 3.0$

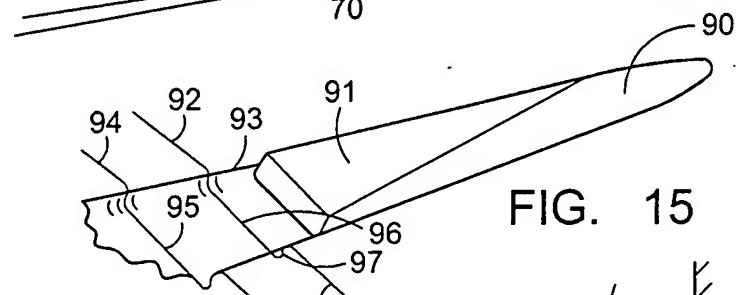


FIG. 15

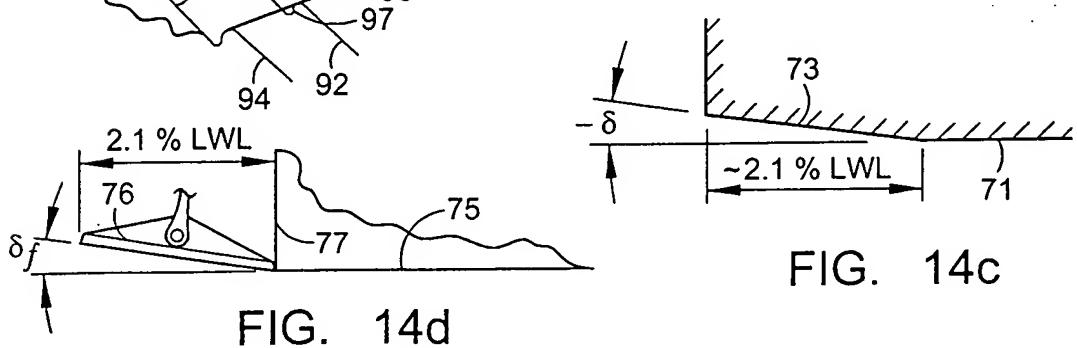
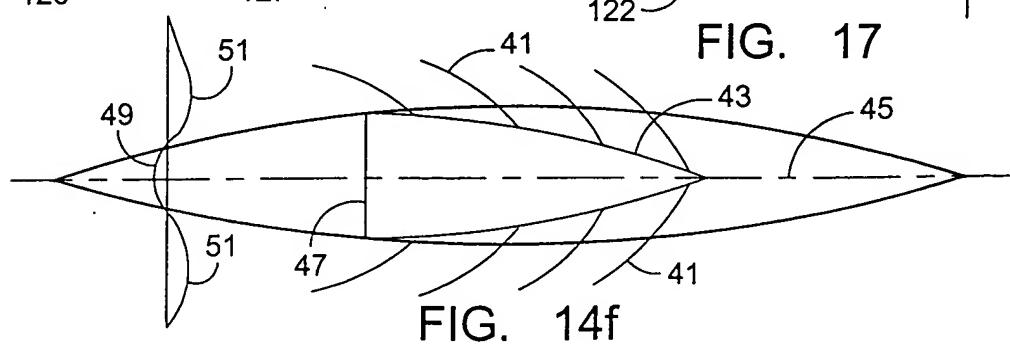
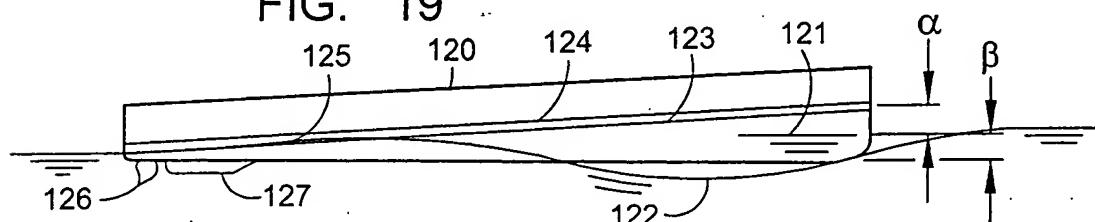
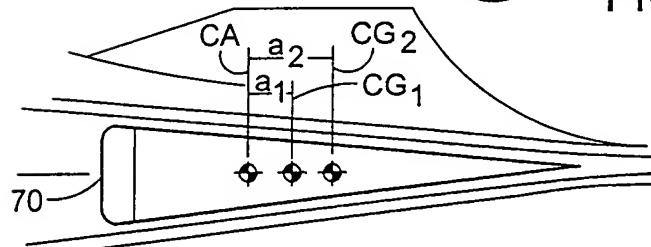
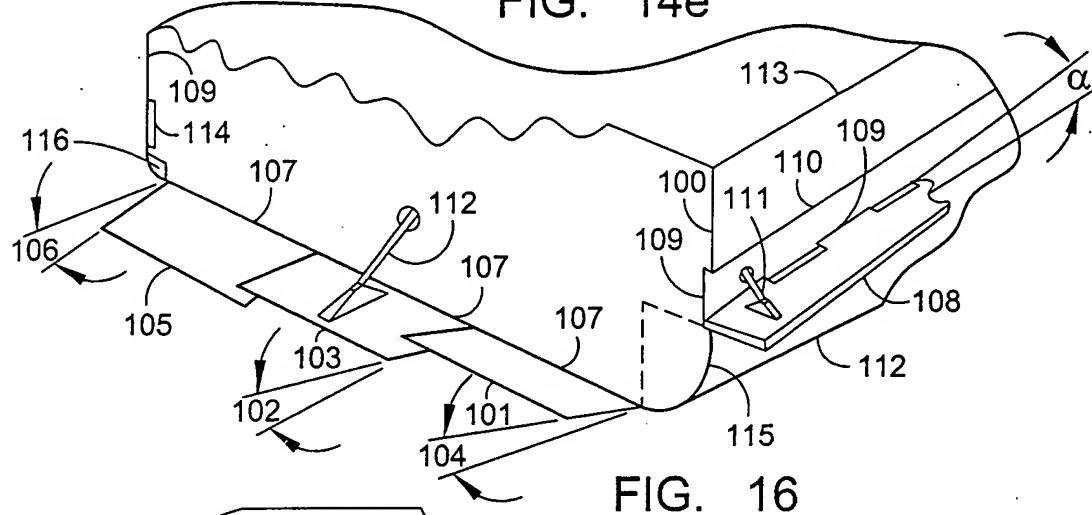
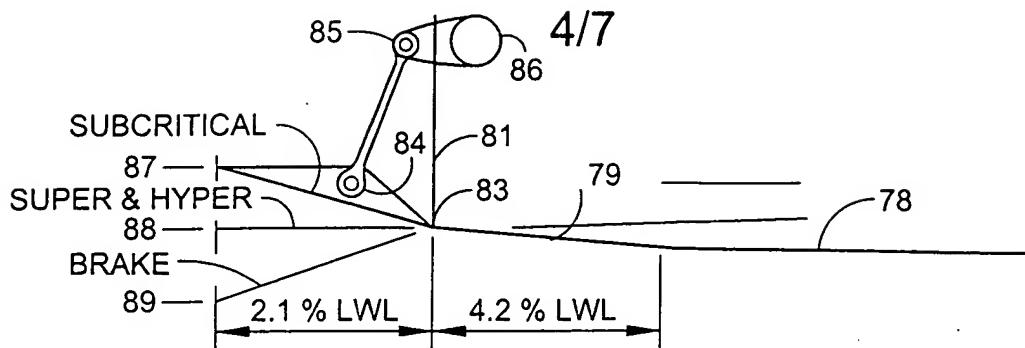
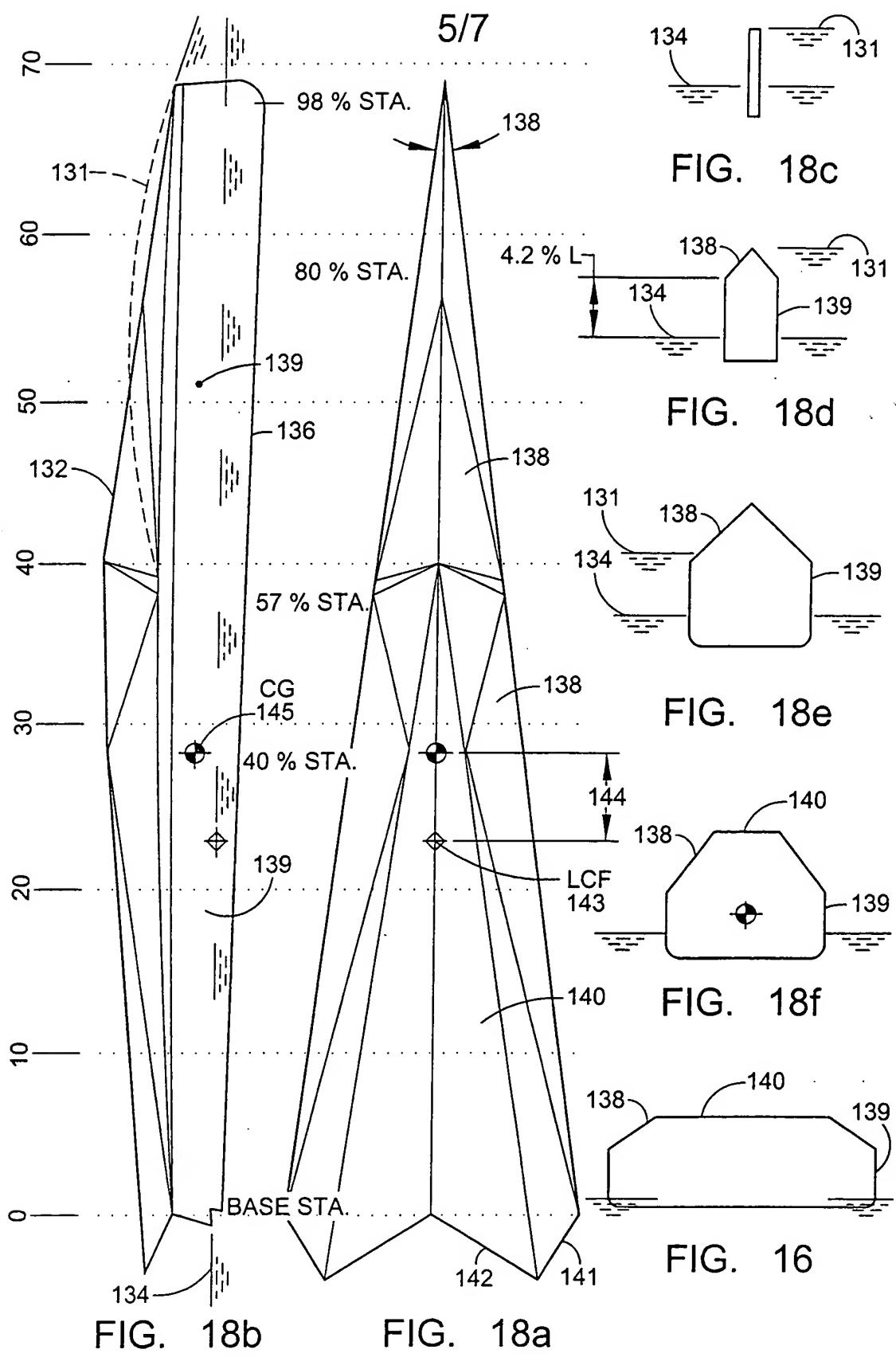
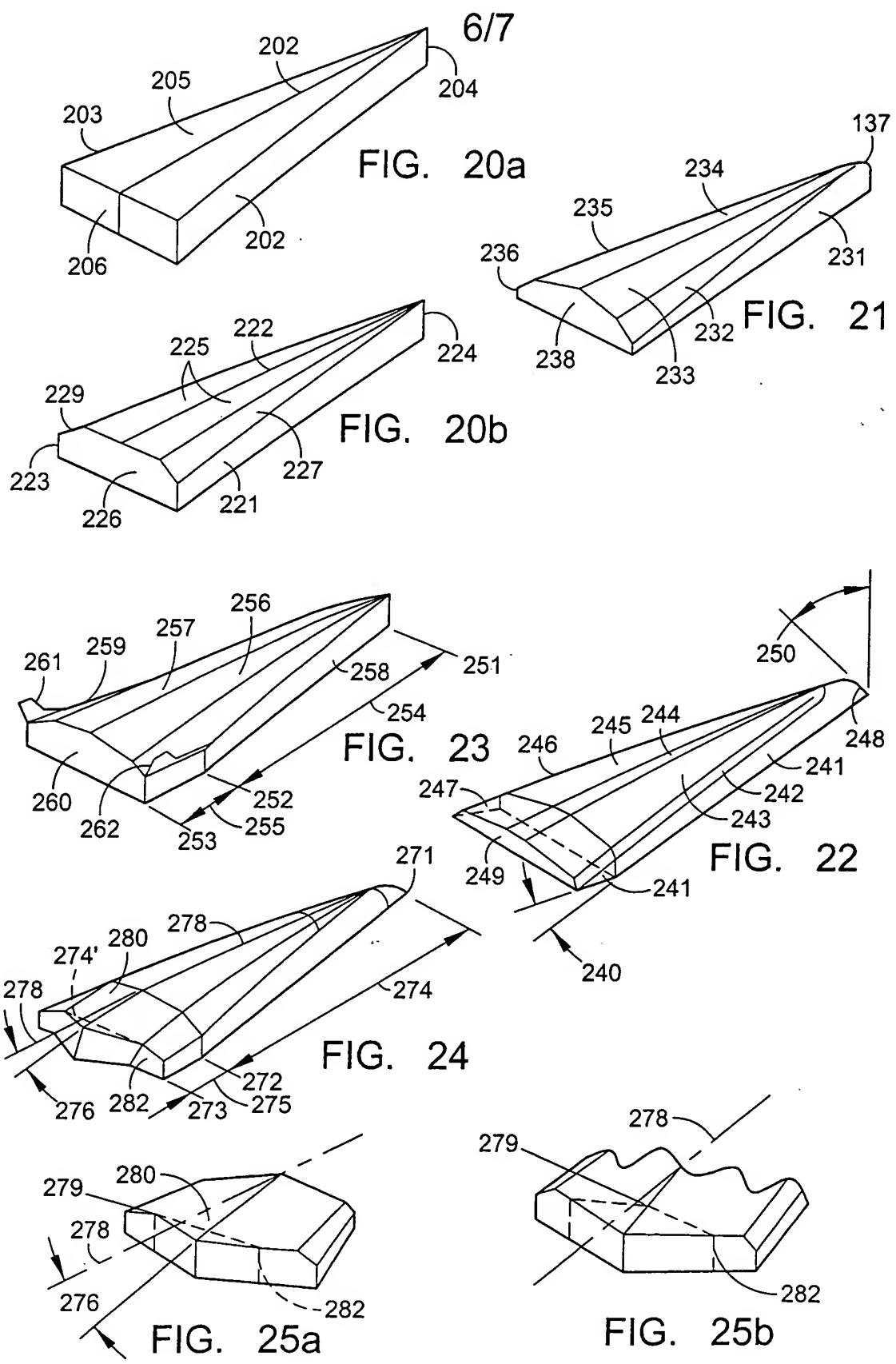


FIG. 14c







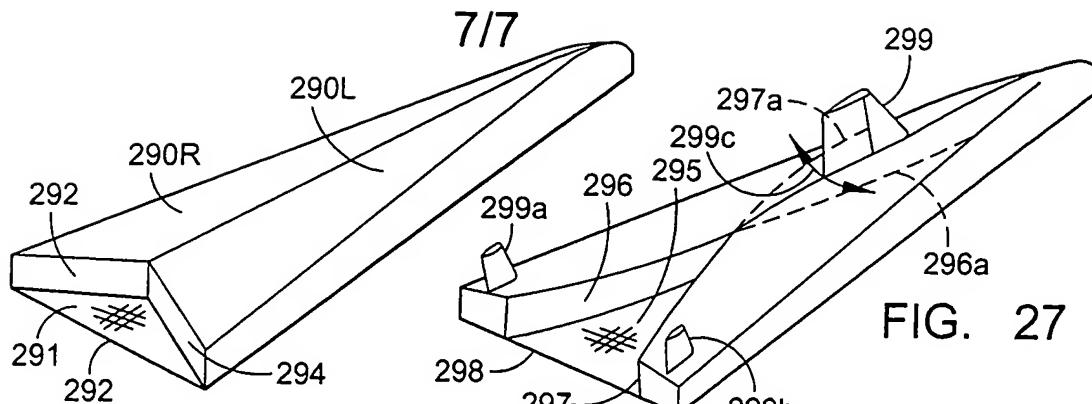


FIG. 26

FIG. 27

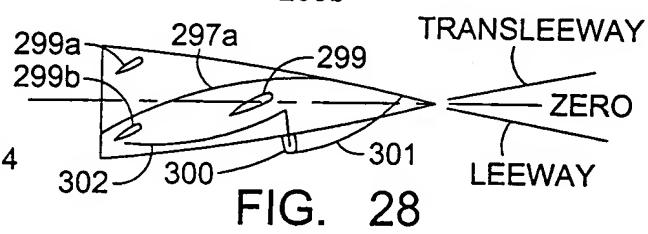


FIG. 28

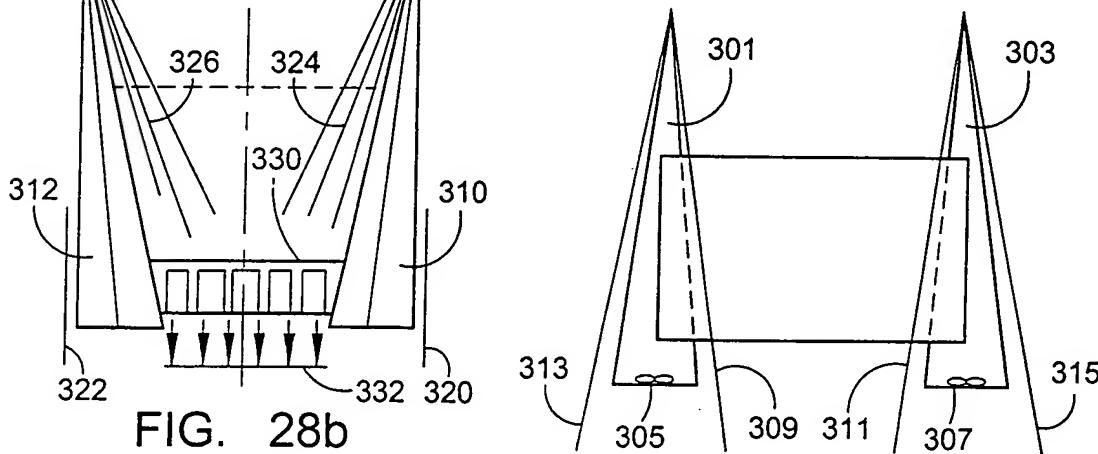


FIG. 28b

FIG. 28a

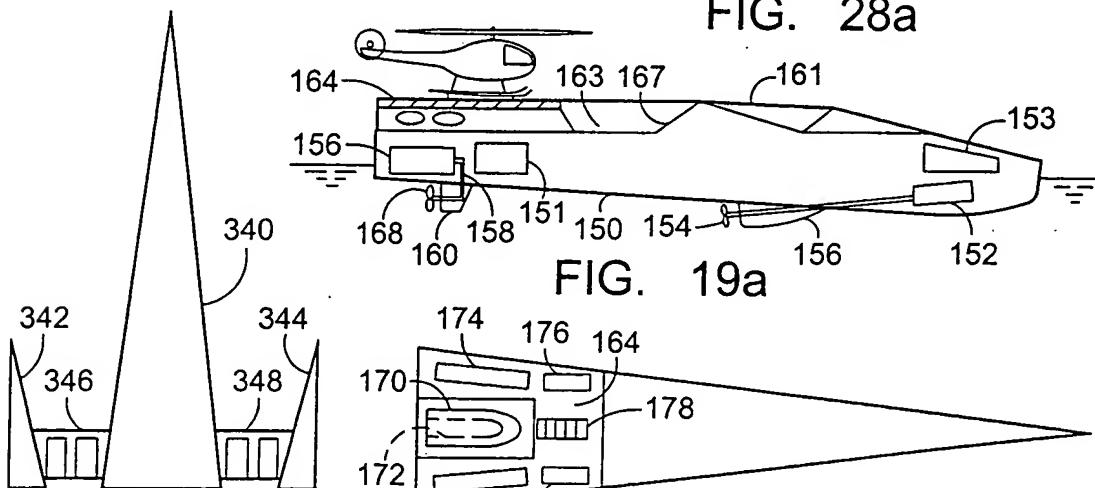


FIG. 19a

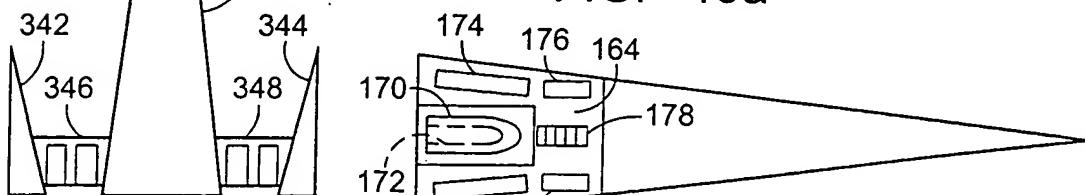
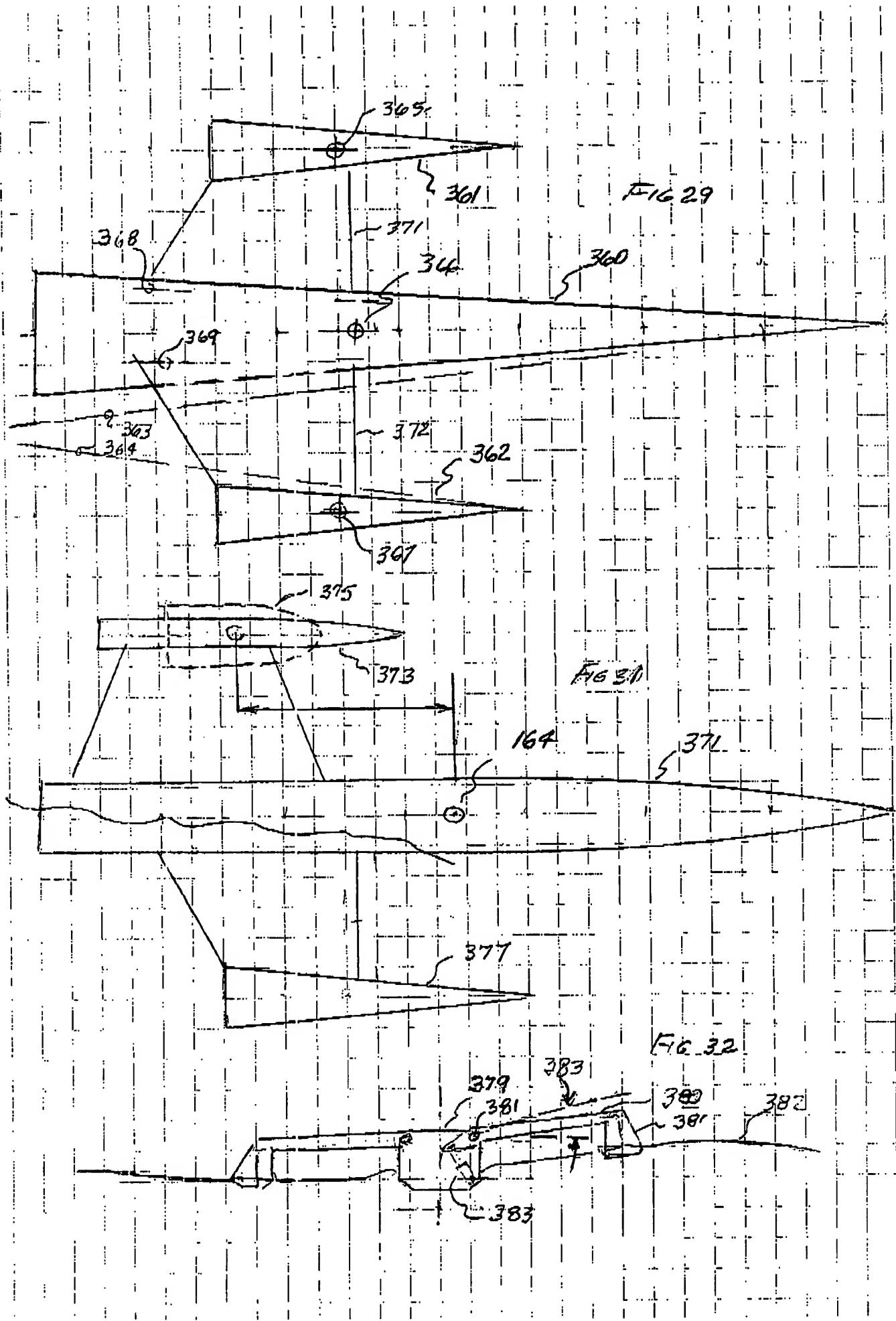
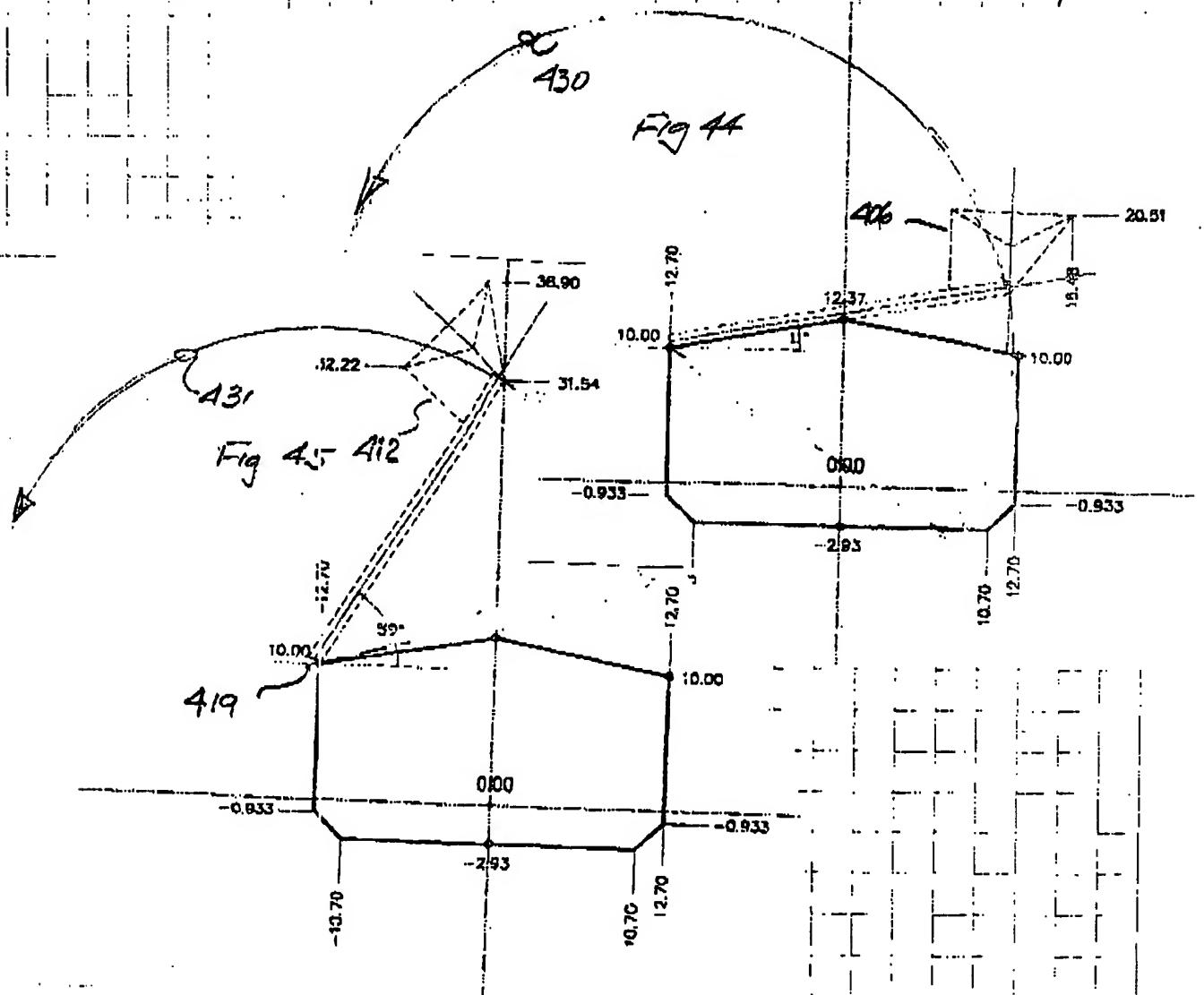
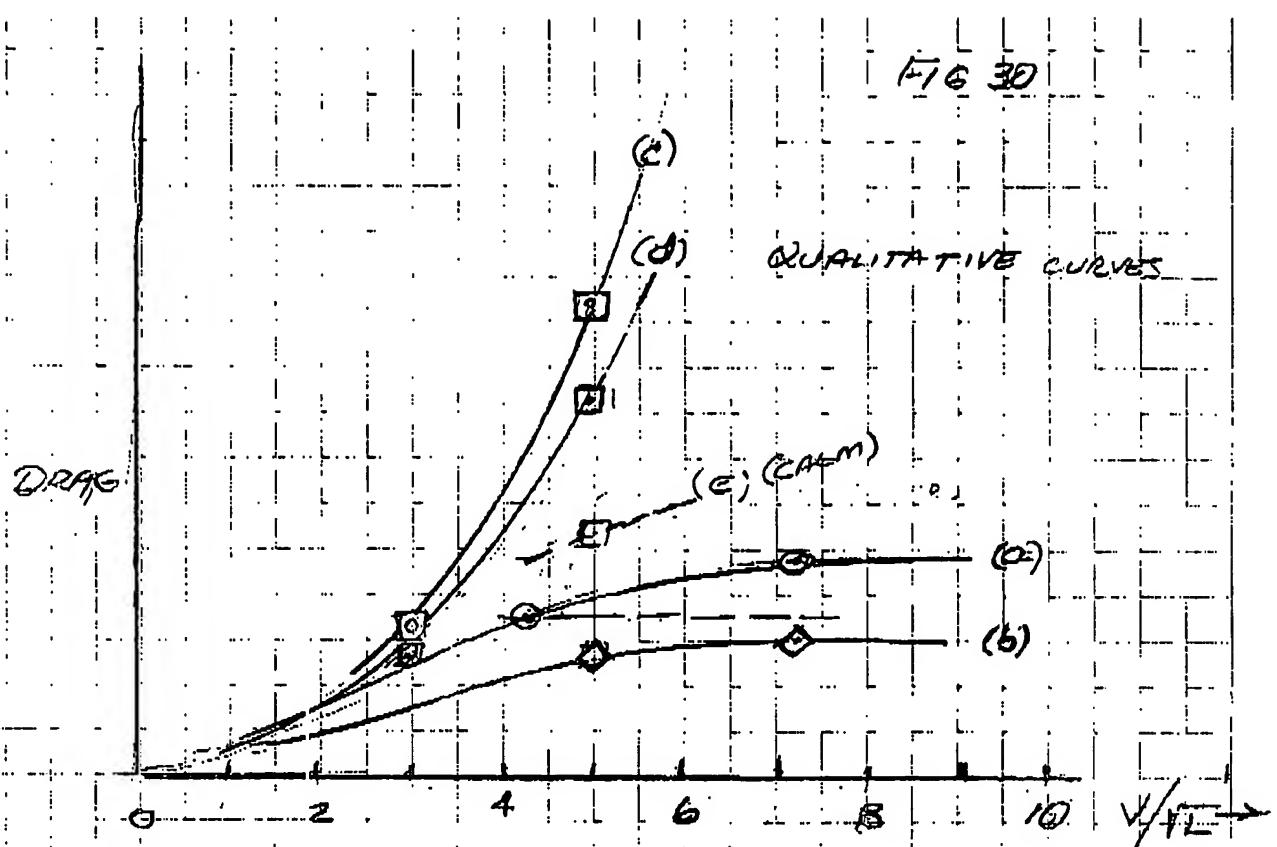


FIG. 28c

FIG. 19b





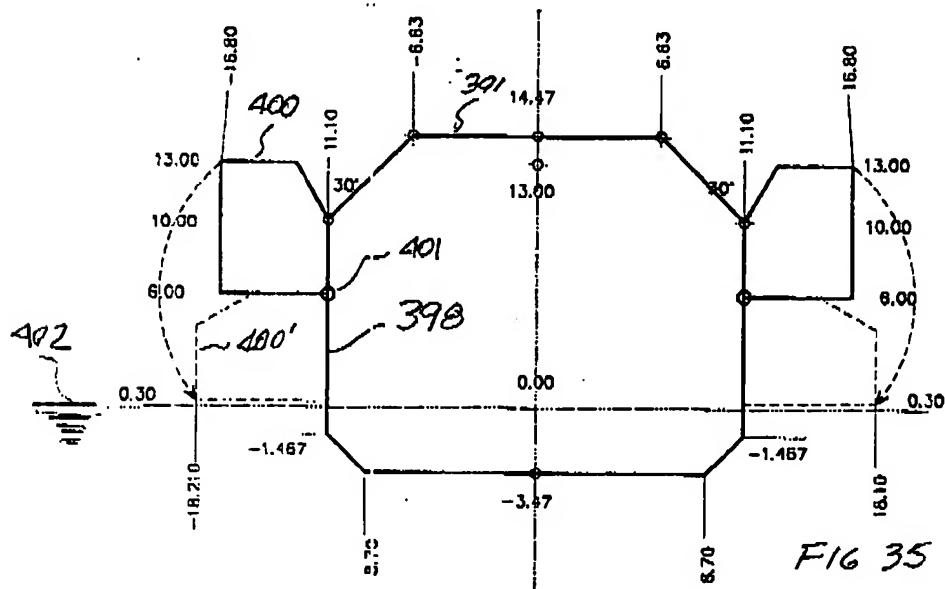
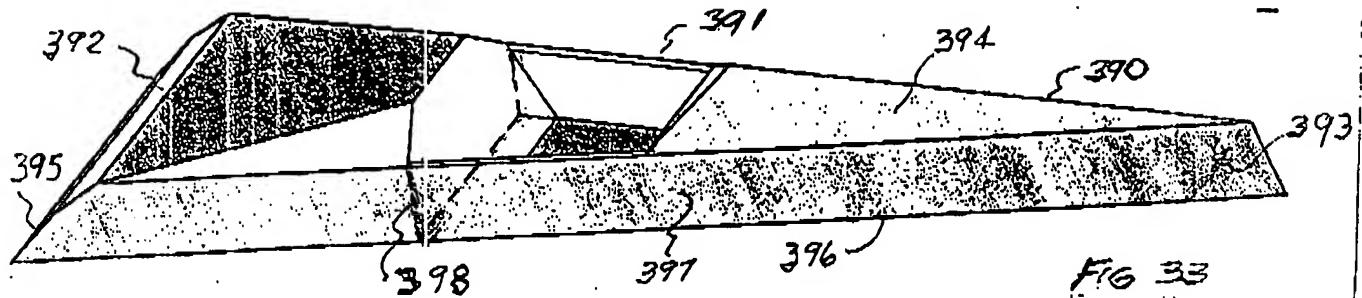
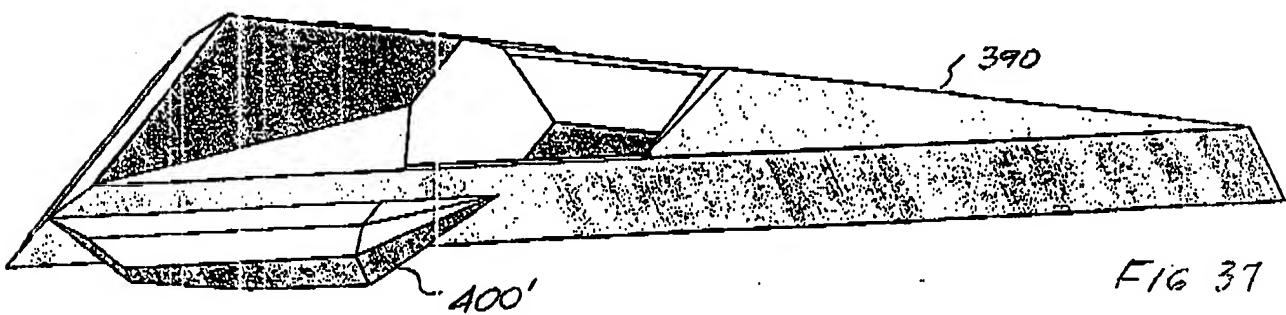
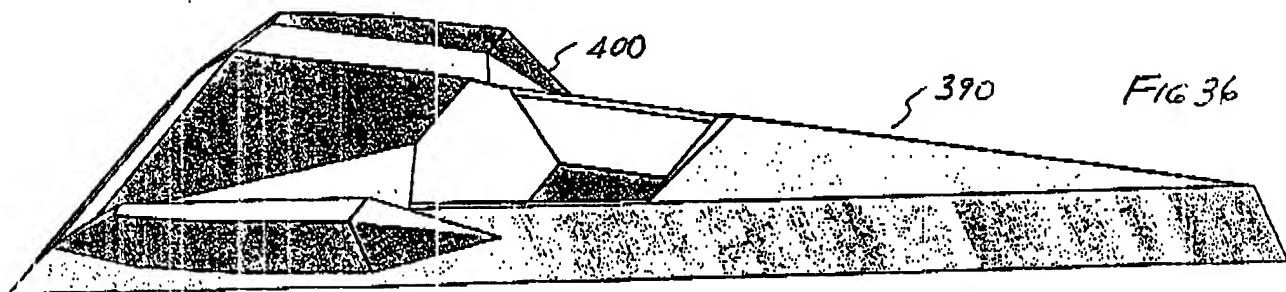
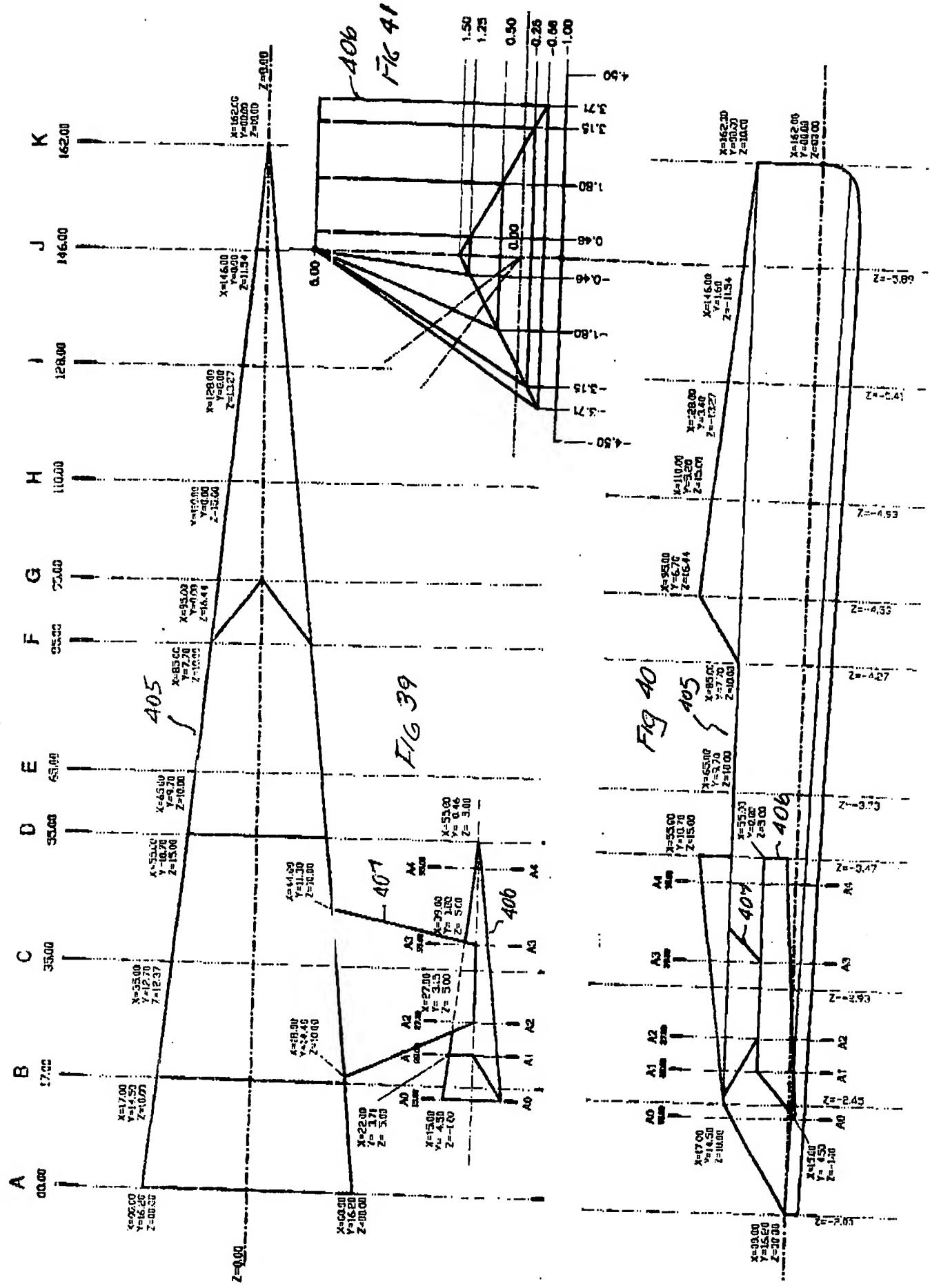


FIG 35





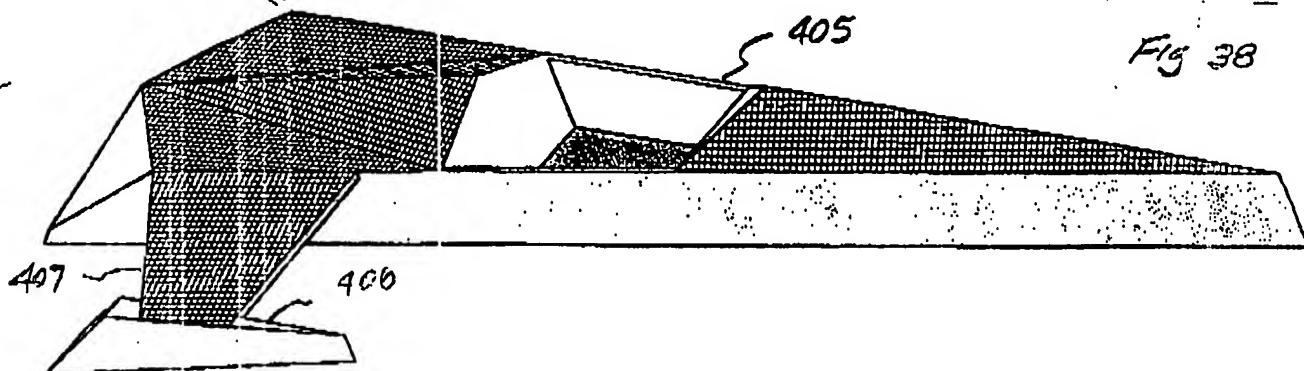


Fig 38

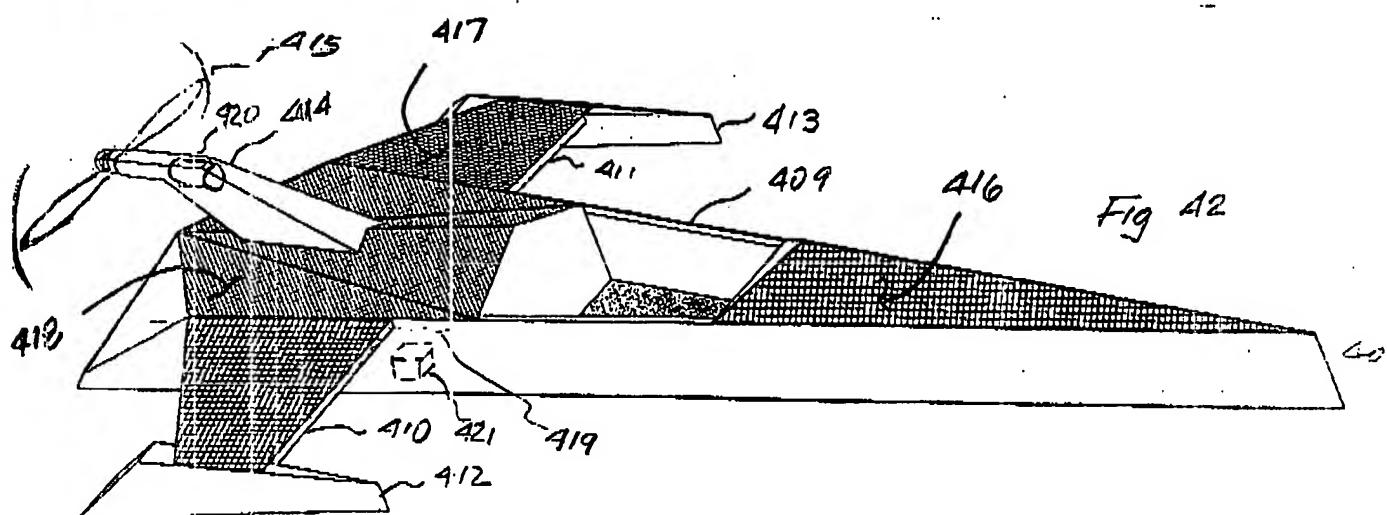


Fig. A2

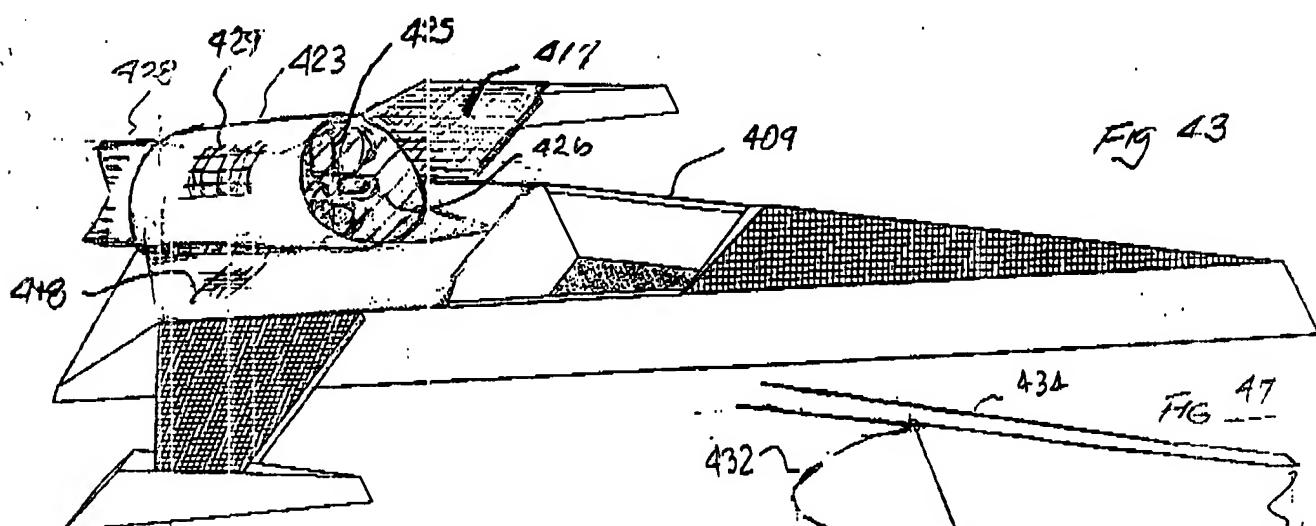


Fig 43

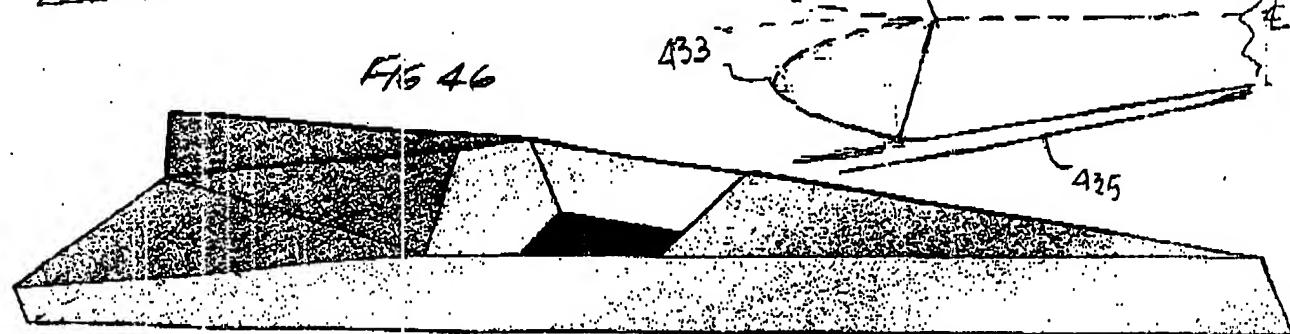
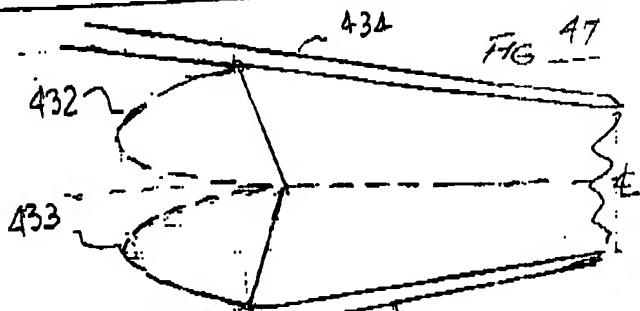


FIG 46



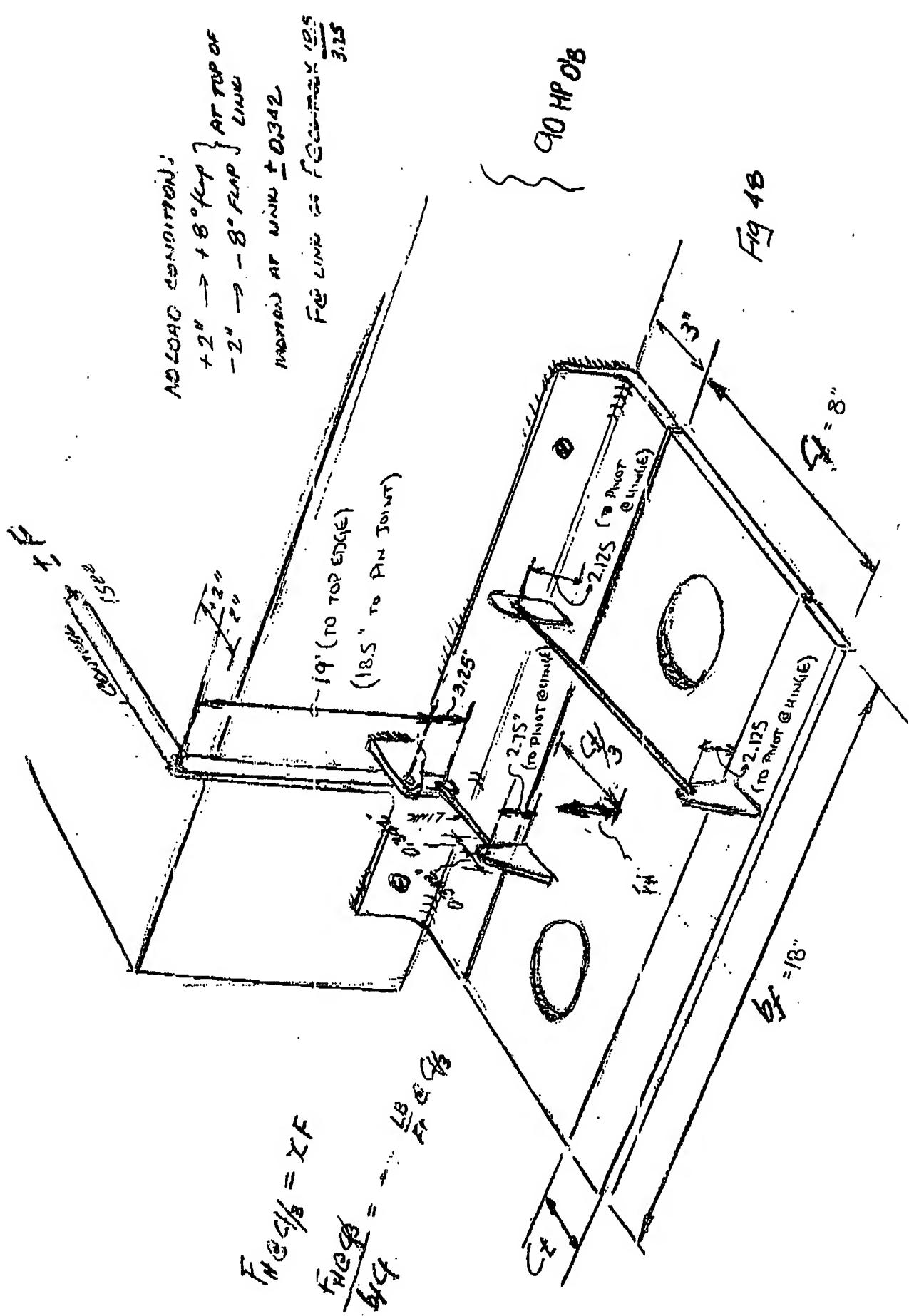


Fig 48

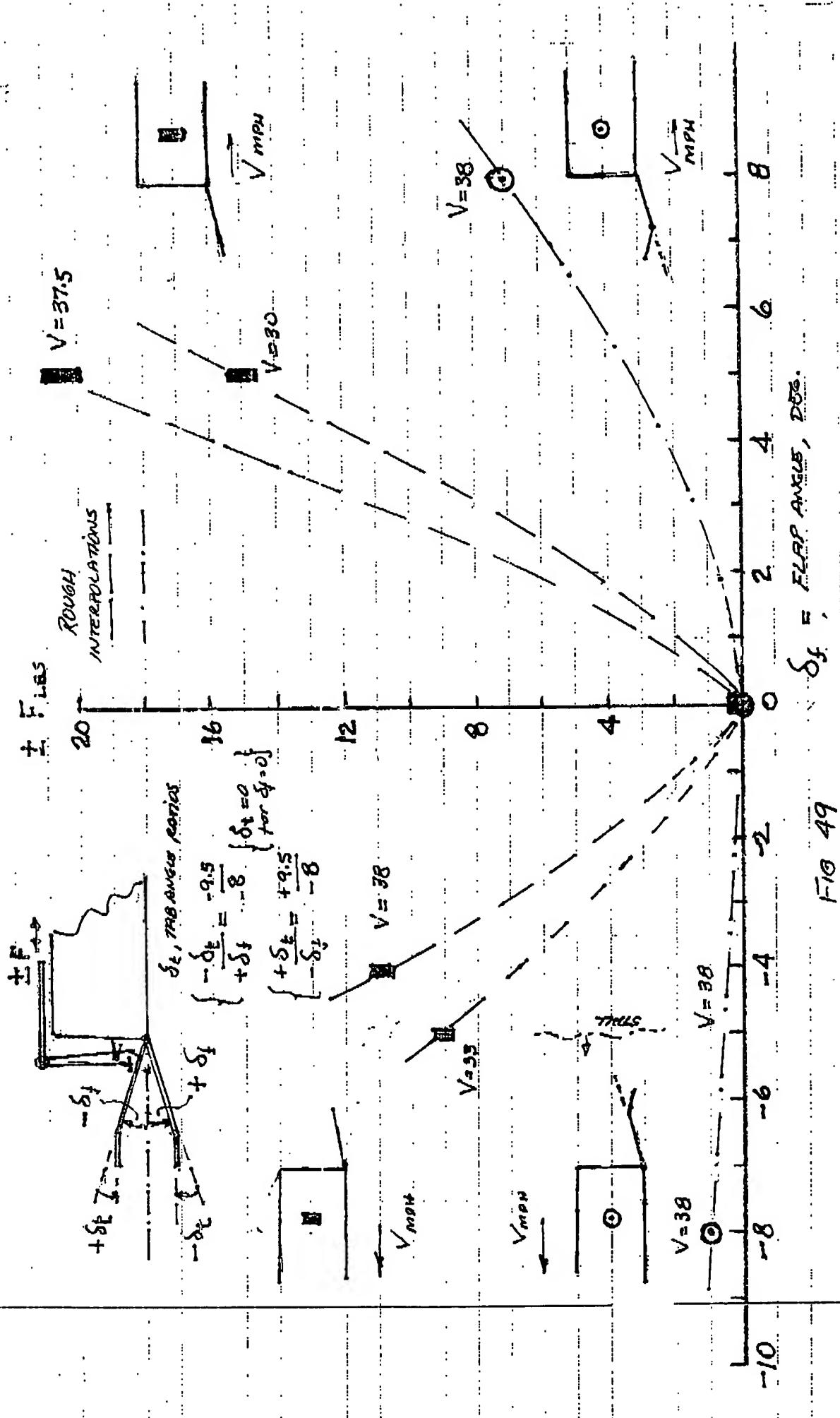


FIG 49